

REMARKS

Reconsideration of the application in view of the above amendments and the following remarks is respectfully requested.

The Examiner rejects claims 9, 11-14, and 19 under 35 U.S.C. 102(b) as being unpatentable by the acknowledged prior art. The Examiner has allowed claims 1-7 and objected to claims 9 and 10 as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all limitations of the base claim and any intervening claims.

Accordingly, Applicant's have amended Claim 9 to include the text of Claim 8 with the exception of the words "with ripple" as being unnecessary into Claim 9. Claim 8 has been cancelled. Claim 10 now depends on allowable Claim 9 and is therefore allowable for the same reasons. Claims 11-14 are or have been amended to be dependent upon Claim 9 either directly or indirectly and are therefore allowable. The same is true of Claim 19.

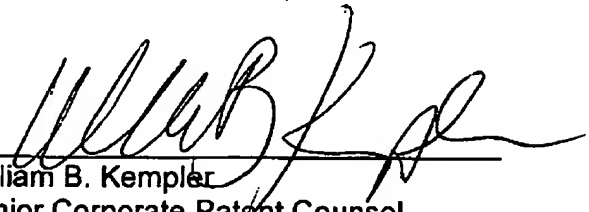
The Examiner rejects claims 16-18 under 35 U.S.C. § 103(a) as being unpatentable over the acknowledged prior art in view of Pletcher et al. Claim 16 has been amended to be dependent from Claim 9 and is therefore patentable for the same reasons. Claims 17 and 18 are dependent upon Claim 16 either directly or indirectly and are therefore patentable for the same reasons.

Although the Office Action Summary indicates that Claim 15 has been rejected, there has been no specific rejection that has been applied to Claim 15. Claim 15 has been amended in order to make it dependent upon Claim 9 which is found to be allowable by the Examiner. Accordingly, Claim 15 should be allowable regardless of which rejection has been applied.

Claims 20 and 21 have been added which recite that their direct current voltage contain ripple in order to protect the inventor's contribution to the art.

Accordingly, Applicants believe the Application, as amended, is in condition for allowance, and such action is respectfully requested.

Respectfully submitted,
Texas Instruments Incorporated

By 
William B. Kempler
Senior Corporate Patent Counsel
Reg. No. 28,228
(972) 917-5452